

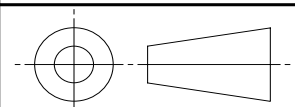
AS81714/69

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THIRD ANGLE PROJECTION



ISSUED PROPOSED DRAFT 2004-03

CUSTODIAN: AE-8/AE-8C2

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

TERMINAL JUNCTION SYSTEM,
BLOCK REMOVAL TOOLS,
SERIES II

AS81714/69
SHEET 1 OF 4

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THIS SPECIFICATION IS APPROVED FOR USE BY ALL DEPARTMENTS AND AGENCIES OF THE DEPARTMENT OF DEFENSE.

THE COMPLETE REQUIREMENTS FOR ACQUIRING THE TOOL DESCRIBED HEREIN SHALL CONSIST OF THIS DOCUMENT AND THE LATEST ISSUE OF SPECIFICATION MIL-T-81714.

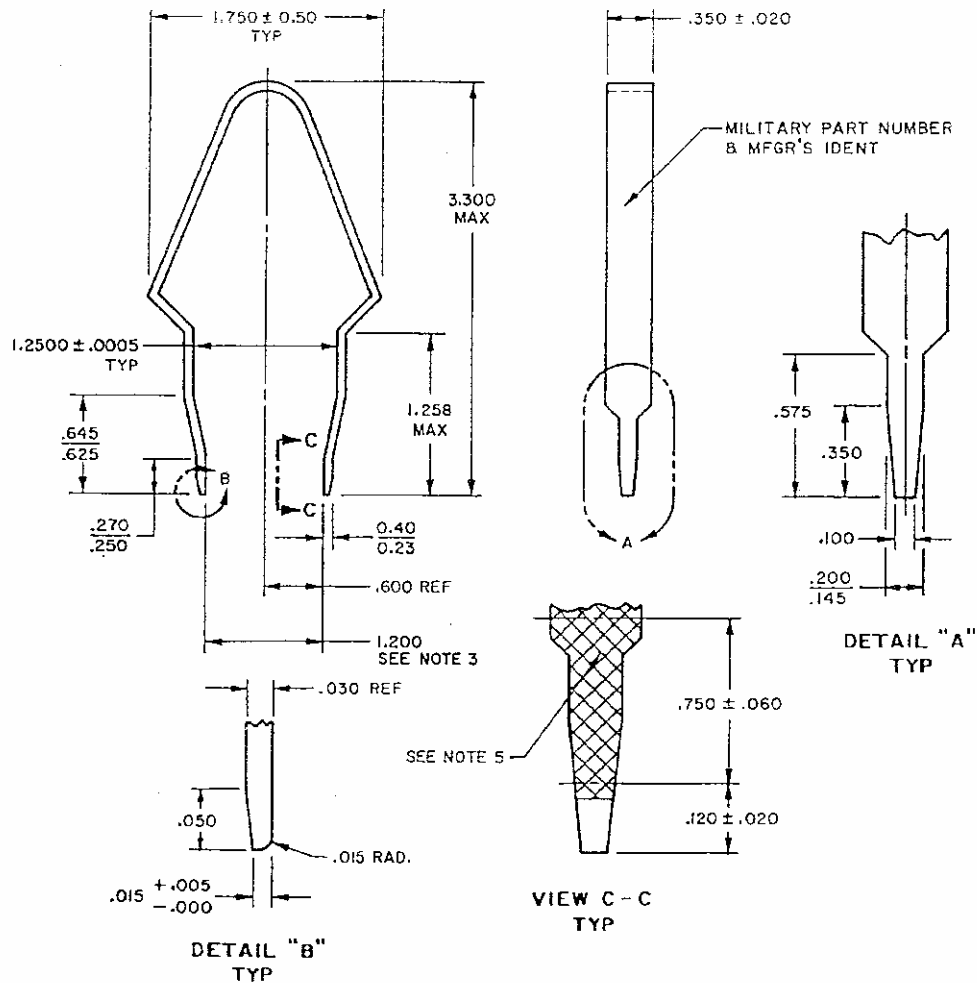


FIGURE 1. BLOCK REMOVAL TOOL -1.

MIL-T-81714/69 REMAINS INACTIVE FOR NEW DESIGN, HOWEVER, THE DOCUMENT IS VALID FOR USE.

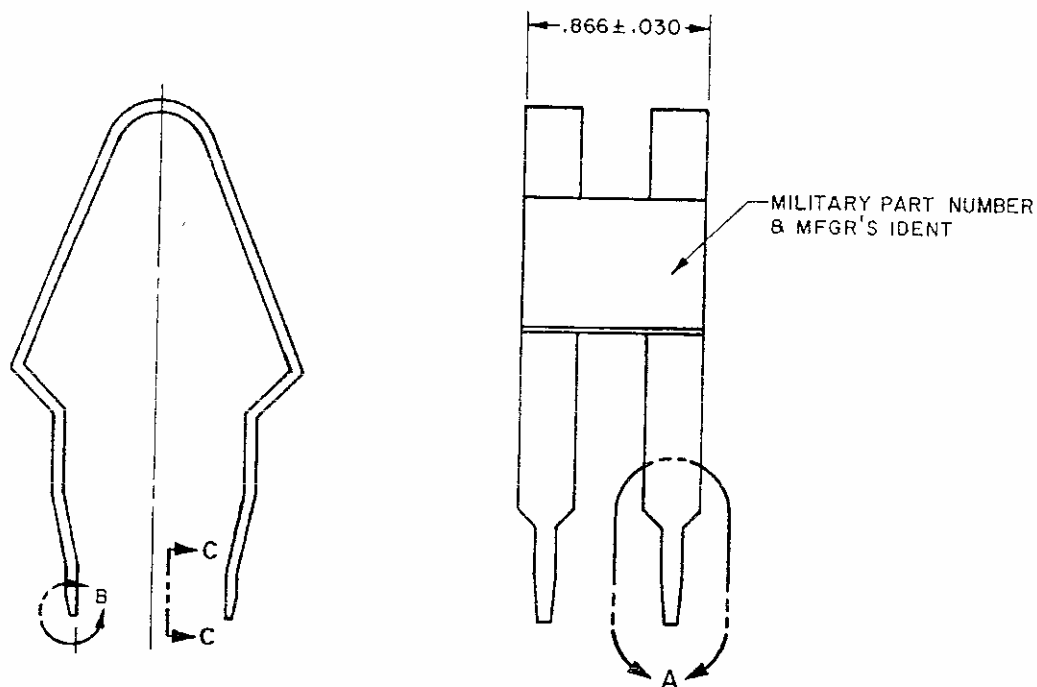


FIGURE 2. BLOCK REMOVAL TOOL -2.

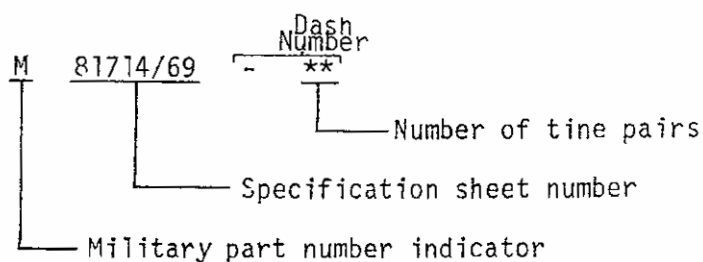
INCH	MM	INCH	MM	INCH	MM	INCH	MM
.0005	0.01	.050	1.27	.250	6.35	.750	19.05
.005	0.13	.060	1.52	.270	6.86	1.200	30.48
.015	0.38	.100	2.54	.350	8.89	1.250	31.75
.020	0.51	.120	3.05	.575	14.61	1.258	31.95
.023	0.58	.145	3.68	.625	15.88	1.750	44.45
.030	0.76	.200	5.08	.645	16.38	3.300	83.82
.040	1.02						

REQUIREMENTS:

1. MATERIAL AND FINISH: CORROSION RESISTANT STEEL, 300 SERIES, FULL HARD, PASSIVATED.
2. TOOL DURABILITY: DURABILITY TESTING OF EACH BLOCK REMOVAL TOOL SHALL CONSIST OF A MINIMUM OF 100 CYCLES OF REMOVAL OF BLOCKS FROM A RACK. THE LAST REMOVAL SHALL BE FROM AN UNUSED POSITION IN THE RACK. THE TOOL SHALL NOT BE DAMAGED AND SHALL NOT DAMAGE THE RACK DURING DURABILITY TESTING.

NOTES:

1. DIMENSIONS ARE IN INCHES.
2. METRIC EQUIVALENTS (TO THE NEAREST .01 MM) ARE GIVEN FOR GENERAL INFORMATION ONLY AND ARE BASED UPON 1 INCH = 25.4 MM.
3. DIMENSION 1.200 APPLIES WHEN 1.2500 GAUGE IS INSTALLED.
4. DIMENSIONS NOT SPECIFIED ARE AT THE MANUFACTURER'S OPTION.
5. INSIDE SURFACES OF TOOL ARE COATED WITH ELASTOMERIC COATING.
6. THE M81714/69-01 TOOL IS DESIGNED TO REMOVE M81714/60 SIZE 22, 20 OR 16 BLOCKS AND M81714/61 SIZE 16/20 BLOCKS.
7. THE M81714/69-02 TOOL IS DESIGNED TO REMOVE M81714/60 SIZE 12 BLOCKS, M81714/61 SIZE 12/16 BLOCKS, OR M81714/62 BLOCKS FROM M81714/67 COMPONENT RACK ASSEMBLIES.
8. THE PART NUMBER CONSISTS OF THE LETTER M, SPECIFICATION SHEET NUMBER AND NUMBER OF TINE PAIRS.



Part Number example:

M81714/69-XX